

DERWENT-ACC-NO: 1989-064246

DERWENT-WEEK: 198909

COPYRIGHT 2009 DERWENT INFORMATION LTD

TITLE: Mobile overflow weir controller, for bio-
oxidising tank
contg. meter, thermometer, air blow amt.- and
biological
membrane contact time period-calculating
circuits, etc.
for water purifcn. plant

INVENTOR: ISHIKAWA H; KANAZAWA T ; OKUMA K

PATENT-ASSIGNEE: HITACHI ENG CO LTD[HITJ] , HITACHI LTD[HITA]

PRIORITY-DATA: 1987JP-168729 (July 8, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
JP 01015197 A	January 19, 1989	JA

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 01015197A	N/A	1987JP-168729
July 8, 1987		

INT-CL-CURRENT:

TYPE	IPC	DATE
CIPP	C02F3/06	20060101

ABSTRACTED-PUB-NO: JP 01015197 A

BASIC-ABSTRACT:

Mobile overflow weir controller for bio-oxidising tank in water
purifcn. plant
comprises meter and thermometer for measuring amt. and temp. of feed
water
flown into the tank, respectively, air flow amt. calculating circuit
for
calculating air amt. flow into the tank, based on measured amt.
biological
membrane contact time period calculating circuit for the membrane-

contact time
period necessary for making organic substance-removing efficiency at measured
temp. of specific value, circuit for calculating effective water depth for attaining calculated time period, overflow mobile weir for adjusting water depth corresponding to effective one, circuit for controlling weir and means for feeding aerating air to the tank in amt. determined by air flow amt. calculating circuit.

ADVANTAGE - Treated water with stable quality can be obtd. even when quality of feed water varies.

TITLE-TERMS: MOBILE OVERFLOW WEIR CONTROL BIO OXIDATION TANK CONTAIN METER

THERMOMETER AIR BLOW AMOUNT BIOLOGICAL MEMBRANE CONTACT TIME PERIOD
CALCULATE CIRCUIT WATER PURIFICATION PLANT

DERWENT-CLASS: D15

CPI-CODES: D04-A01J; D04-A01K;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: 1989-028457